

Title (en)

ROADWAY AND VEHICULAR-MOUNTED REFLECTORS INCORPORATING A FIELD OF DISCRETE CRYSTAL REFLECTORS AND RETROREFLECTORS

Title (de)

AN DER STRASSE UND AN FAHRZEUGEN ANGEBRACHTE REFLEKTOREN MIT EINEM FELD DISKRETER KRISTALLREFLEKTOREN UND RETROREFLEKTOREN

Title (fr)

REFLECTEURS ROUTIERS ET MONTES SUR VEHICULE INCORPORANT UN CHAMP DE REFLECTEURS ET DE RETROREFLECTEURS DE CRISTAUX DISCRETS

Publication

EP 1552326 A4 20060412 (EN)

Application

EP 03759555 A 20030929

Priority

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- US 41487402 P 20020930
- US 41486802 P 20020930
- US 44803203 P 20030218
- US 44803303 P 20030218

Abstract (en)

[origin: WO2004030984A2] Roadway and vehicular-mounted safety reflectors include a reflective field that incorporates a plurality of discrete crystals that internally reflect light and return the light in a desired directional pattern determined by the internal reflection characteristics and orientation of the crystals. The directional pattern is chosen to optimize the visibility and functionality of the reflector.

IPC 1-7

G02B 5/124

IPC 8 full level

G02B 5/124 (2006.01); **G09F 13/16** (2006.01)

CPC (source: EP US)

G02B 5/124 (2013.01 - EP US); **G09F 13/16** (2013.01 - EP US); **Y10T 428/24372** (2015.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/257** (2015.01 - EP US)

Citation (search report)

- [XY] WO 9856966 A1 19981217 - PURDUE RESEARCH FOUNDATION [US], et al
- [XY] US 3935365 A 19760127 - EIGENMANN LUDWIG
- [X] US 5762896 A 19980609 - HUNTER CHARLES ERIC [US], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01 31 January 2000 (2000-01-31)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09 13 October 2000 (2000-10-13)
- See references of WO 2004030984A2

Citation (examination)

- US 5488839 A 19960206 - UDKO RICHARD W [US]
- US 5218839 A 19930615 - UDKO RICHARD W [US]

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